

WHAT IS CLAIMED IS:

1. A method of remanufacturing a process cartridge detachably attachable to an image forming apparatus main body, the process cartridge including:
 - 5 a photosensitive member unit having an electrophotographic photosensitive drum on which an electrostatic latent image is formed;
 - 10 a developing unit having: a developer container for containing a developer for developing the electrostatic latent image; and a developing roller for carrying the developer;
 - 15 a first coupling frame for coupling one end side of the photosensitive member unit and one end side of the developing unit to each other; and
 - 20 a second coupling frame for coupling the other end side of the photosensitive member unit and the other end side of the developing unit, which are opposite sides of the one end sides, to each other, said method comprising:
 - (a) a frame separating step for separating the first coupling frame from the developing unit and from the photosensitive member unit;
 - (b) a photosensitive member unit separating step for, after said frame separating step,
 - 25 separating the photosensitive member unit by deforming the second coupling frame in a state where the second coupling frame and the developing unit are

fixed to each other;

(c) a photosensitive drum detaching step for, after said photosensitive member unit separating step, detaching the electrophotographic photosensitive drum 5 from the photosensitive member unit;

(d) a photosensitive drum attaching step for, after said photosensitive drum detaching step, attaching one of the electrophotographic photosensitive drum and a new photosensitive drum;

10 (e) a photosensitive member unit engaging step for engaging the photosensitive member unit with the second coupling frame that is fixed to the developing unit; and

(f) a frame engaging step for engaging the 15 first coupling frame with respective end portions of the developing unit and the photosensitive member unit.

2. A method of remanufacturing a process
20 cartridge detachably attachable to an image forming apparatus main body, the process cartridge including:
a photosensitive member unit having an electrophotographic photosensitive drum on which an electrostatic latent image is formed;
25 a developing unit having: a developer container for containing a developer for developing the electrostatic latent image; and a developing roller

for carrying the developer;

a first coupling frame for coupling one end side of the photosensitive member unit and one end side of the developing unit to each other; and

5 a second coupling frame for coupling the other end side of the photosensitive member unit and the other end side of the developing unit, which are opposite sides of the one end sides, to each other,

the developing unit and the second
10 coupling frame being fixed to each other with an injected molten resin,

the photosensitive member unit and the second coupling frame being fastened to each other with a fastening member,

15 said method comprising:

(a) a frame separating step for separating the first coupling frame from the developing unit and the photosensitive member unit;

20 (b) a fastening releasing step for releasing fastening of the photosensitive member unit to the second coupling frame;

(c) a photosensitive member unit separating step for, after said fastening releasing step, separating the developing unit and the photosensitive
25 member unit from each other by deforming the second coupling frame in a state where the developing unit and the second coupling frame are fixed to each

other;

- (d) a photosensitive drum detaching step for, after said photosensitive member unit separating step, detaching the electrophotographic photosensitive drum 5 from the photosensitive member unit;
- (e) a photosensitive drum attaching step for, after said photosensitive drum detaching step, attaching one of the electrophotographic photosensitive drum and a new photosensitive drum;
- 10 (f) a photosensitive member unit engaging step for engaging the photosensitive member unit with the second coupling frame that is fixed to the developing unit; and
- (g) a frame engaging step for engaging the first coupling frame with respective end portions of 15 the developing unit and the photosensitive member unit.

3. A method of remanufacturing a process
- 20 cartridge detachably attachable to an image forming apparatus main body, the process cartridge including:
 - a photosensitive member unit having an electrophotographic photosensitive drum on which an electrostatic latent image is formed;
 - 25 a developing unit having: a developer container for containing a developer for developing the electrostatic latent image; and a developing roller

for carrying the developer;

a first coupling frame for coupling one end side of the photosensitive member unit and one end side of the developing unit to each other; and

5 a second coupling frame for coupling the other end side of the photosensitive member unit and the other end side of the developing unit, which are opposite sides of the one end sides, to each other,

the photosensitive member unit and the
10 second coupling frame being fixed to each other with an injected molten resin,

the developing unit and the second coupling frame being fastened to each other with a fastening member,

15 said method comprising:

(a) a frame separating step for separating the first coupling frame from the photosensitive member unit and from the developing unit;

(b) a fastening releasing step for releasing
20 fastening of the second coupling frame to the developing unit;

(c) a developing unit separating step for, after said fastening releasing step, separating the photosensitive member unit and the developing unit
25 from each other by deforming the second coupling frame in a state where the photosensitive member unit and the second coupling frame are fixed to each

other;

(d) a photosensitive drum detaching step for, after said developing unit separating step, detaching the electrophotographic photosensitive drum from the
5 photosensitive member unit;

(e) a photosensitive drum attaching step for, after said photosensitive drum detaching step, attaching one of the electrophotographic photosensitive drum and a new photosensitive drum;

10 (f) a developing unit engaging step for engaging the developing unit with the second coupling frame that is fixed to the photosensitive member unit; and

(g) a frame engaging step for engaging the
15 first coupling frame with respective end portions of the photosensitive member unit and the developing unit.

4. A method of remanufacturing a process
20 cartridge according to any one of claim 1, 2, or 3, further comprising a developer refilling step for, before said photosensitive member unit engaging step, refilling the developer container with the developer from a developer supplying opening exposed by
25 detaching the developing roller from the developing unit.

5. A method of remanufacturing a process cartridge according to any one of claim 1, 2, or 3, further comprising a developer refilling step for, before said frame engaging step, refilling the developer container with the developer from a developer filling port that is provided to the developer container for filling of a developer.